

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4227	microstrip with (chip or substrate)	US-PGPUB; USPAT	OR	OFF	2006/05/12 16:11
L2	3044	1 and impedance	US-PGPUB; USPAT	OR	OFF	2006/05/12 16:11
L3	3	2 and "20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 16:11
L4	2103	2 and @ad<"20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 16:12

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	46620	transmission near1 line	USPAT	OR	OFF	2006/05/11 15:29
S2	63136	transmission near1 line	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:29
S3	14352	S2 and semiconductor	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S4	0	S2 and substrat4e	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S5	14747	S2 and substrate	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S6	7080	S3 and S5	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S7	4591	S6 and ground	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S8	6483	S6 and reference	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:30
S9	556	S6 and pcb	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:31
S10	1	("6686819").PN.	USPAT; USOCR	OR	OFF	2006/05/11 15:32
S11	3655	S6 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 15:55
S12	2320	S11 and ground	USPAT	OR	OFF	2006/05/11 15:33
S13	3254	S11 and reference	USPAT	OR	OFF	2006/05/11 15:33
S14	237	S11 and pc	USPAT	OR	OFF	2006/05/11 15:33
S15	162	S11 and pcb	USPAT	OR	OFF	2006/05/11 15:55
S16	8936	microstrip	USPAT	OR	OFF	2006/05/11 15:57
S17	7626	S16 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:19
S18	6137	S17 and signal	USPAT	OR	OFF	2006/05/11 15:56
S19	434983	"18" and ground	USPAT	OR	OFF	2006/05/11 15:57
S20	4558	S18 and ground	USPAT	OR	OFF	2006/05/11 15:57
S21	3473	S20 and impedance	USPAT	OR	OFF	2006/05/11 15:57
S22	265	S21 and tolerance	USPAT	OR	OFF	2006/05/11 15:57
S23	12344	microstrip	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:57
S24	5707	S23 and signal and ground and impedance	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:58
S25	697	S24 and semiconductor and package	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:58
S26	1901	S24 and semiconductor	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:58

## EAST Search History

S27	4139	S24 and substrate	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:58
S28	1569	S26 and S27	US-PGPUB; USPAT	OR	OFF	2006/05/11 15:58
S29	898	S28 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:19
S30	2285	microstrip near1 transmission	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:19
S31	1621	S30 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:44
S32	1321	S31 and impedance	USPAT	OR	OFF	2006/05/11 16:30
S33	1	("6181004").PN.	USPAT; USOCR	OR	OFF	2006/05/11 16:30
S34	22	("6181004").URPN.	USPAT	OR	OFF	2006/05/11 16:42
S35	1461	333/204	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:44
S36	870	S35 and impedance	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:44
S37	645	S36 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:49
S38	399	333/17.3	USPAT	OR	OFF	2006/05/11 16:49
S39	417	333/17.3	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:49
S40	1030	333/32	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:49
S41	1278	S39 S40	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:49
S42	1025	S41 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:52
S43	188	257/662	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:52
S44	124	257/663	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:52
S45	708	257/664	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:52
S46	876	S43 S44 S45	US-PGPUB; USPAT	OR	OFF	2006/05/11 16:52
S47	630	S46 and @ad<"20020201"	USPAT	OR	OFF	2006/05/11 16:57

## EAST Search History

S71	617	S70 and impedance	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:16
S72	480	S71 and @ad<"20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:35
S73	642	(361/794-795).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 12:37
S74	468	S73 and @ad<"20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:37
S75	479	(333/216-217).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 12:37
S76	113	S75 and @ad<"20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:39
S77	1126	(257/691).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 12:39
S78	2228	257/691	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:39
S79	2297	S77 S78	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:39
S80	1610	S79 and @ad<"20020201"	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:39
S81	390	S80 and impedance	US-PGPUB; USPAT	OR	OFF	2006/05/12 12:46
S82	177	S81 and transmission	US-PGPUB; USPAT	OR	OFF	2006/05/12 16:11